

Technical Data sheet



V35DB-B305-C20

Copolymer Polypropylene Toughened with EPDM

Nirumand Polymer

Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V35DB-B305-C20 is copolymer polypropylene toughened with EPDM offering high impact strength. This compound is used in automotive applications and other utility products. This grade is designed to be processed in extrusion and blow molding techniques.

General Properties

Material Status • Commercial: Active

Forms • Pellets

Processing Method • Extrusion, Blow molding

Color • Black

Physical Properties	Value	Unit	Test Method
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Density	0.94	gr/cm ³	ISO 1183
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Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	2	gr/10 min	ASTM D1238
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Shrinkage	%	Internal
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Mechanical Properties	Value	Unit	Test Method
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Tensile Strength@ Break	≥ 10	MPa	ISO 527
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Elongation @ Break	≥ 350	%	ISO 527
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Impact	Value	Unit	Test Method
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Notched Izod Impact (23°C)	kJ/m ²	ISO 180
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Notched charpy Impact (23°C)	kJ/m ²	ISO 179
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Hardness	Value	Unit	Test Method
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Durometer Hardness	35	Shore D	ASTM D2240
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❖ Values shown are average & are not to be considered as product specifications.

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